

Order of Operations Sorting - Talk Partner

I can solve reasoning questions involving the order of operations.



Cut out the individual calculations cards. Solve the calculations to discover whether the answer is correct or incorrect. Sort the cards into the table. For every incorrect calculation card, write the correct answer, giving your reasoning.

| Correct Calculations | Incorrect Calculations |
|----------------------|------------------------|
| | |
| | Correct answer: |
| | |
| | Correct answer: |
| | |
| | Correct answer: |
| | |
| | Correct answer: |
| | |
| | Correct answer: |



| | | |
|-------------------------------|------------------------------|------------------------------|
| $14 + 12^2 - 81 = 77$ | $583 - (43 \times 4) = 2160$ | $14 \times 5 - 60 = 10$ |
| $19 \times (7^2 + 49) = 1862$ | $52.7 + 538 \div 10 = 59.07$ | $15^2 \times 3 + 325 = 1000$ |
| $45 \div 9 + 150 = 159$ | $598 + 424 - 759 = 263$ | |

Order of Operations Sorting Talk Partner - Answers

| Question | Answer | |
|--|---|------------------------|
| Work with your partner to discuss and solve these reasoning questions. | | |
| | Correct Calculations | Incorrect Calculations |
| <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: auto;">$14 + 12^2 - 81 = 77$</div> | <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: auto;">$52.7 + 538 \div 10 = 59.07$</div> <p>Correct answer: 106.5</p> | |
| <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: auto;">$15^2 \times 3 + 325 = 1000$</div> | <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: auto;">$583 - (43 \times 4) = 2160$</div> <p>Correct answer: 411</p> | |
| <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: auto;">$14 \times 5 - 60 = 10$</div> | <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: auto;">$45 \div 9 + 150 = 159$</div> <p>Correct answer: 155</p> | |
| <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: auto;">$19 \times (7^2 + 49) = 1862$</div> | <p>Correct answer:</p> | |
| <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: auto;">$598 + 424 - 759 = 263$</div> | <p>Correct answer:</p> | |